Application No.:   09/844,925
Amendment dated: July 17, 2006
Reply to the Final Office
   Action of: May 16, 2006

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*underlining*) and deleted subject matter *(strikethrough)*, as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A method for transcoding web-page content for a limited-display

a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;

b) receiving from said server computer a web page document that can be used to generate a display;

c) searching said web page document for sequences of textual references to images that are directly adjoining;

d) when said web page document includes ~~a sequence of~~ more than one textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;

e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and

f) sending each composite image scaled in step e) to said limited-display computing device.

2.   (Original)   The method of Claim 1 wherein said web page document is written in a Hypertext Markup Language (HTML).

3.   (Currently Amended) The method of Claim 2 wherein said ~~sequence of~~ more than one textual references to images are directly adjoining vertically.

4.   (Original)   The method of Claim 1 wherein step d) further comprises:

d1) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by a textual reference to an image that is disposed in said formatting object so as to generate a composite image.

5.   (Original)   The method as recited in Claim 1 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device.

6.   (Original)   The method as recited in Claim 1 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.

7.   (Original)   The method as recited in Claim 6 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.

8.   (Previously Presented)   The method as described in Claim 1 wherein said limited-display computing device is selected from the group consisting of handheld computing device, a mobile phone, a pager, and an Internet appliance.

9.   (Currently Amended) A method for transcoding web-page content for a limited display computing device comprising the steps of:

        a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;

        b) receiving from said server computer a web page document that can be used to generate a display;

        c) searching said web page document for formatting objects that include ~~a plurality of~~ <u>more than one</u> textual references to images;

d) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by said textual references to an image that is disposed in said formatting object so as to generate a composite image;

e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and

f) sending each composite image scaled in step e) to said limited-display computing device.

10.   (Original)   The method of Claim 9 wherein said web page document is written in a Hypertext Markup Language (HTML).

11.   (Original)   The method of Claim 10 wherein said formatting object is a table.

12.   (Original)   The method of Claim 10 wherein said formatting object is a frame.

13.   (Currently Amended)   The method of Claim 9 wherein step d) further comprises:

d1) when said web page document includes a sequence of more than one textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image.

14.   (Original)   The method as recited in Claim 9 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device .

15.   (Original)   The method as recited in Claim 9 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.

16.   (Original)   The method as recited in Claim 15 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.

17.   (Previously Presented)   The method as described in Claim 9 wherein said limited-display computing device is selected from the group consisting of handheld computing device, a mobile phone, a pager, and an Internet appliance.

18.   (Currently Amended) In a computer system including a processor coupled to a bus, and a memory unit coupled to the bus for storing information, a computer implemented method for transcoding web-page content for a limited-display computing device comprising the steps of:

   a) upon receiving **a** web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;

   b) receiving from said server computer a web page document that can be used to generate a display;

   c) searching said web page document for ~~sequences of~~ <u>more than one</u> textual references to images that are directly adjoining and for formatting objects that include a plurality of textual references to images;

   d) when said web page document includes ~~a sequence of~~ <u>more than one</u> textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;

   e) when said web page document includes a formatting object that includes ~~a plurality of~~ <u>more than one</u> textual references to images, rendering each of the images represented by a textual reference to an image that is disposed in said formatting object so as to generate a composite image;

   f) scaling each composite image rendered in steps d) and e) to meet the display requirements of said limited-display computing device; and

g) sending each composite image scaled in step e) to said limited-display computing device.

19.   (Original)   The computer implemented method as described in Claim 18 wherein said web page document is written in a Hypertext Markup Language (HTML).

20.   (Original)   The method of Claim 18 wherein said formatting object is a table.

21.   (Original)   The method of Claim 18 wherein said formatting object is a frame.